

TOP SECRET

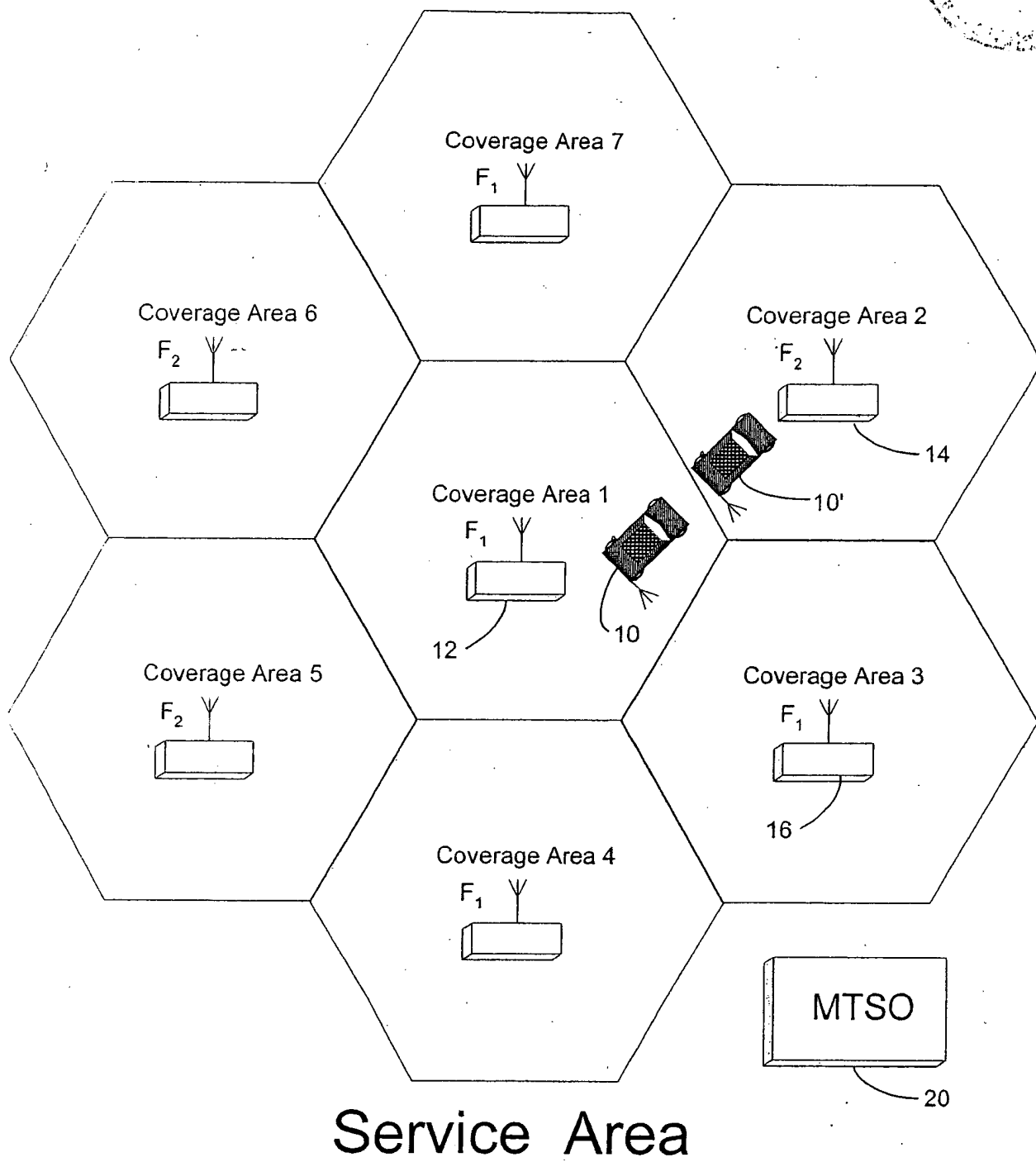


FIGURE 1

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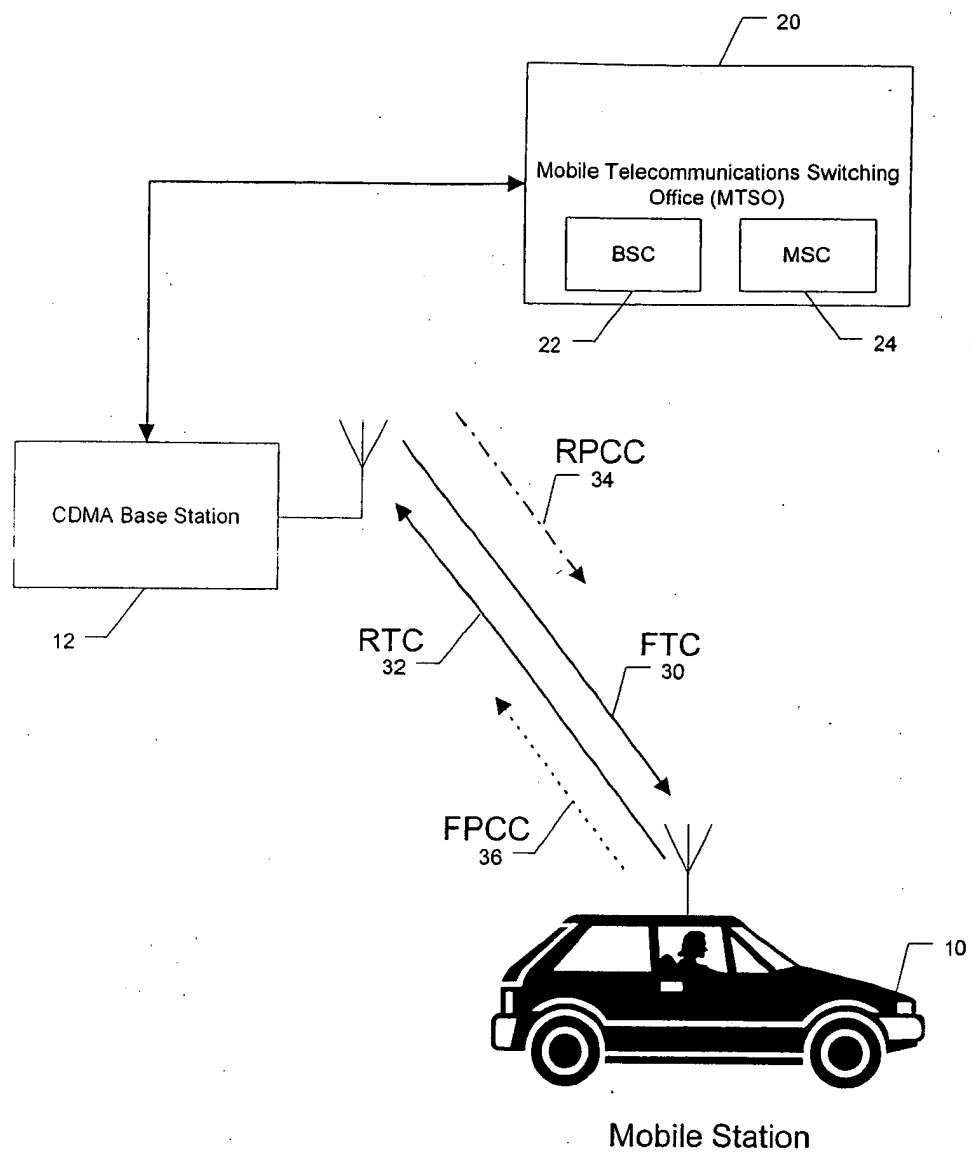


FIGURE 2

The diagram illustrates a Mobile Station (10) communicating with a 2G Base Station (12) and a 3G Base Station (14) via a Mobile Telecommunications Switching Office (MTSO) (20). The MTSO contains a BSC (Base Station Controller) (22) and an MSC (Mobile Switching Center) (24). The Mobile Station (10) is shown as a car with an antenna. The 2G Base Station (12) and 3G Base Station (14) are shown as rectangular blocks with antennas. The MTSO (20) is a large rectangular block containing the BSC (22) and MSC (24). The diagram shows various communication links: RTC (Radio Transfer Channel) for 2G, RPTC (Radio Transfer Channel) for 3G, and FPCC (Fast Packet Channel) for both. The MTSO (20) is connected to both the 2G Base Station (12) and the 3G Base Station (14). The Mobile Station (10) is connected to both the 2G Base Station (12) and the 3G Base Station (14) via the MTSO (20). The diagram shows the following components and their connections:

- Mobile Station (10):** A car with an antenna.
- 2G Base Station (12):** A rectangular block with an antenna.
- 3G Base Station (14):** A rectangular block with an antenna.
- Mobile Telecommunications Switching Office (MTSO) (20):** A large rectangular block containing a BSC (22) and an MSC (24).
- Communication Links:**
 - RTC (Radio Transfer Channel) (32):** A solid line with an arrow pointing from the 2G Base Station (12) to the Mobile Station (10).
 - RPCC (Radio Packet Channel) (34):** A dashed line with an arrow pointing from the 2G Base Station (12) to the Mobile Station (10).
 - FTC (Fast Transfer Channel) (30):** A solid line with an arrow pointing from the Mobile Station (10) to the 2G Base Station (12).
 - FPCC (Fast Packet Channel) (36):** A dashed line with an arrow pointing from the Mobile Station (10) to the 2G Base Station (12).
 - RTC (Radio Transfer Channel) (42):** A solid line with an arrow pointing from the 3G Base Station (14) to the Mobile Station (10).
 - RPCC (Radio Packet Channel) (44):** A dashed line with an arrow pointing from the 3G Base Station (14) to the Mobile Station (10).
 - FTC (Fast Transfer Channel) (40):** A solid line with an arrow pointing from the Mobile Station (10) to the 3G Base Station (14).
 - FPCC (Fast Packet Channel) (46):** A dashed line with an arrow pointing from the Mobile Station (10) to the 3G Base Station (14).

FIGURE 3

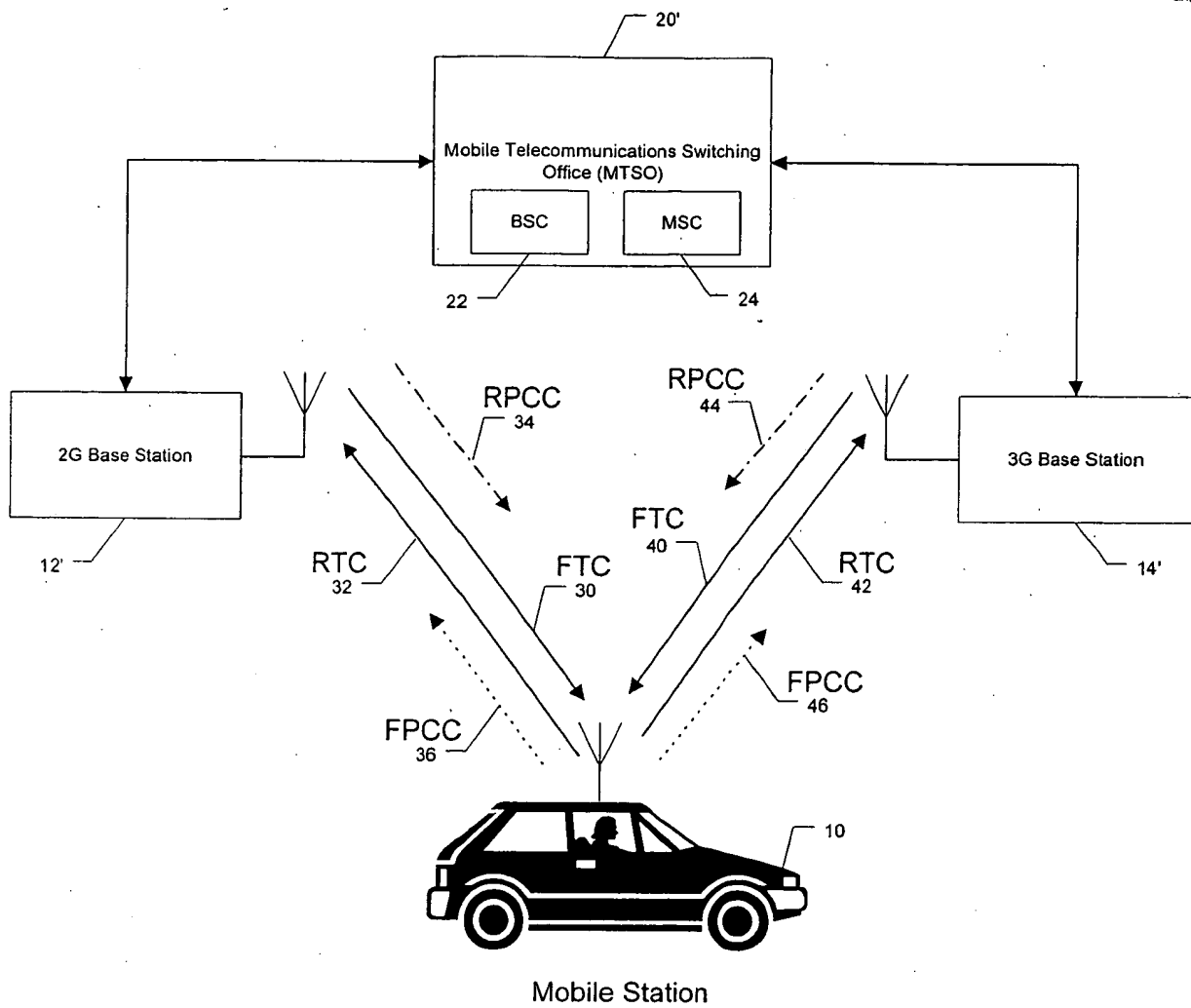


FIGURE 4

FIG. 5a

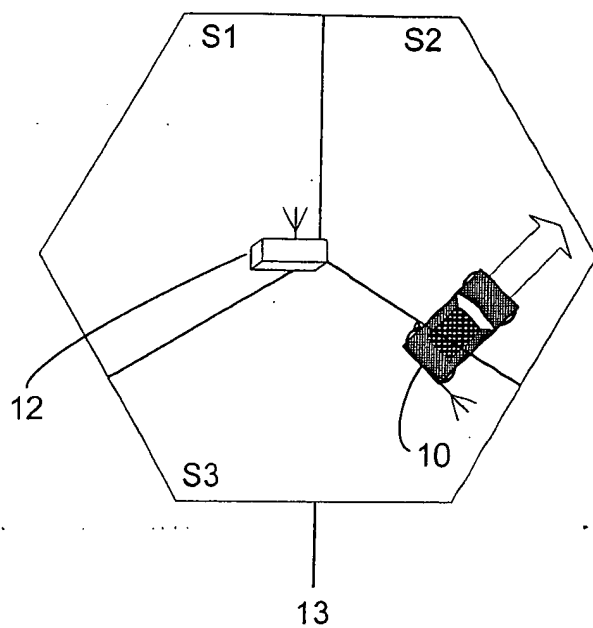


FIGURE 5a

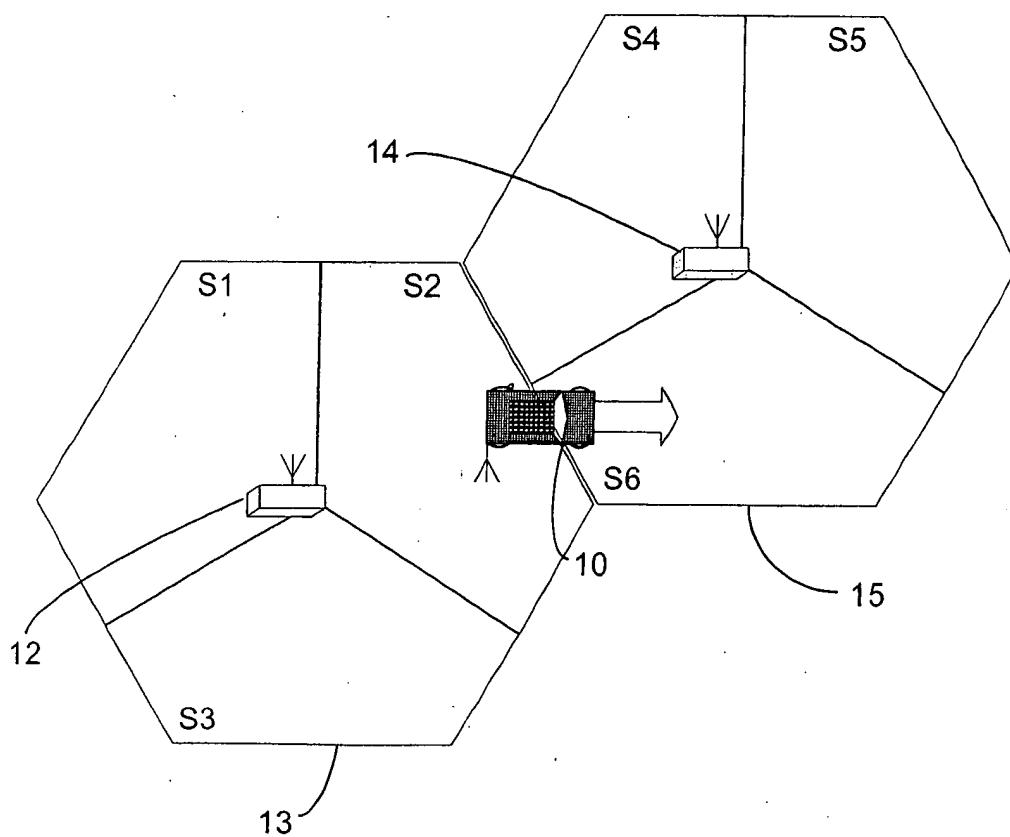


FIGURE 5b

TOP SECRET

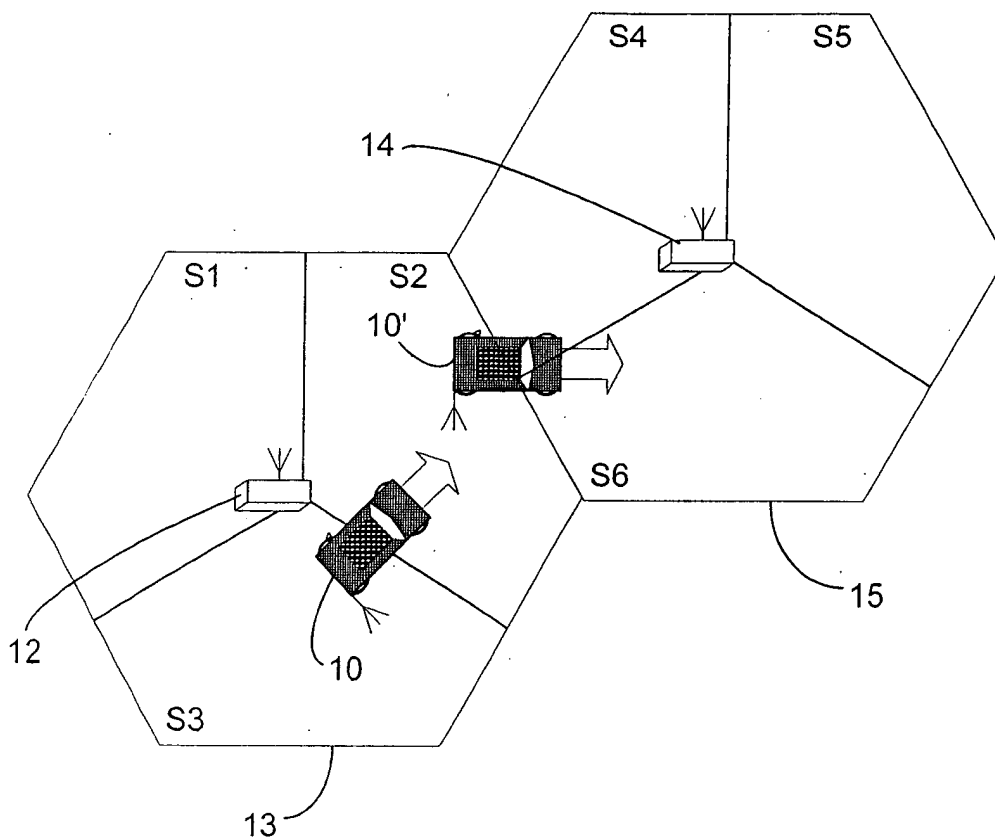


FIGURE 5c

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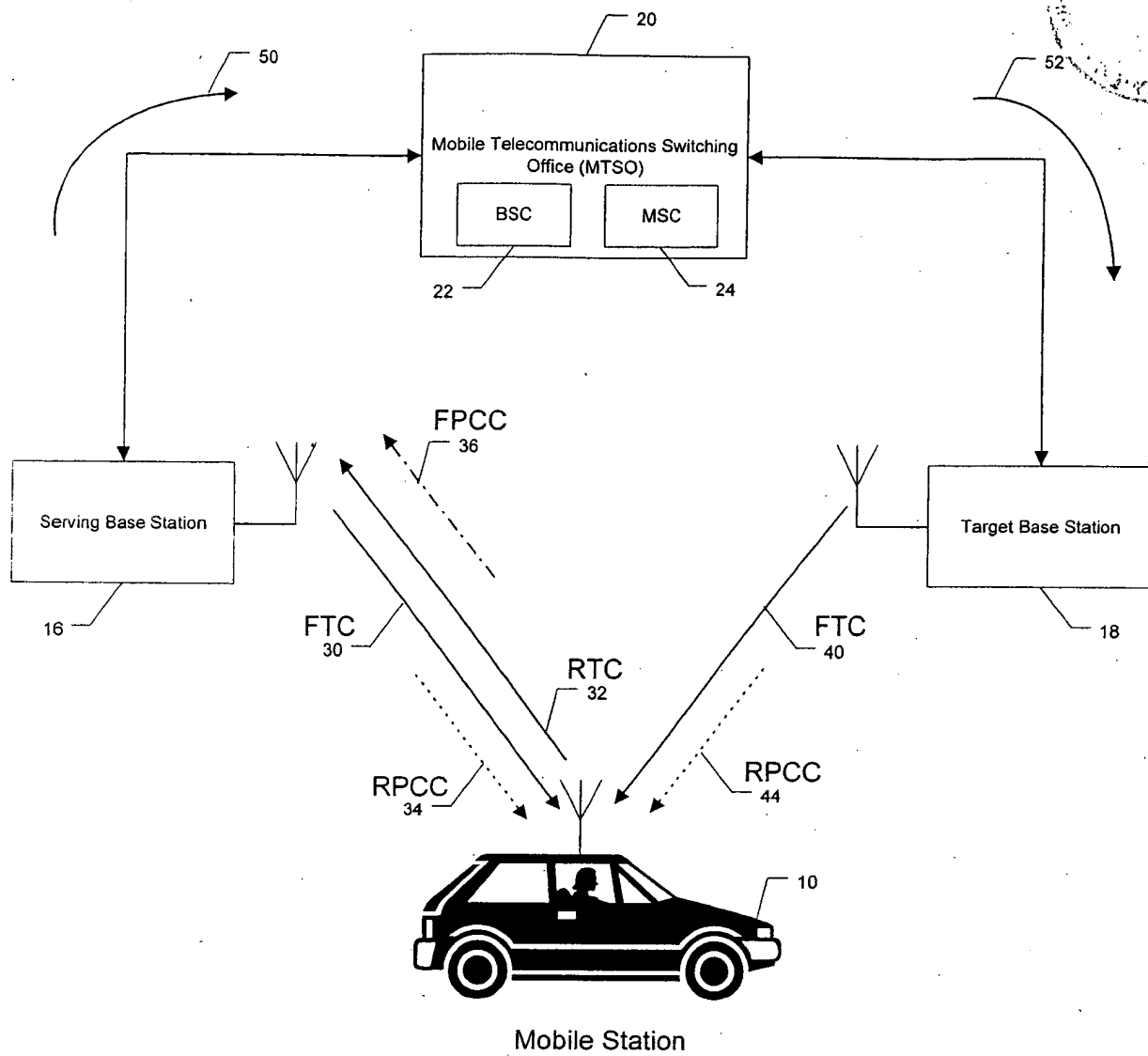


FIGURE 6

0609090" 622E8450

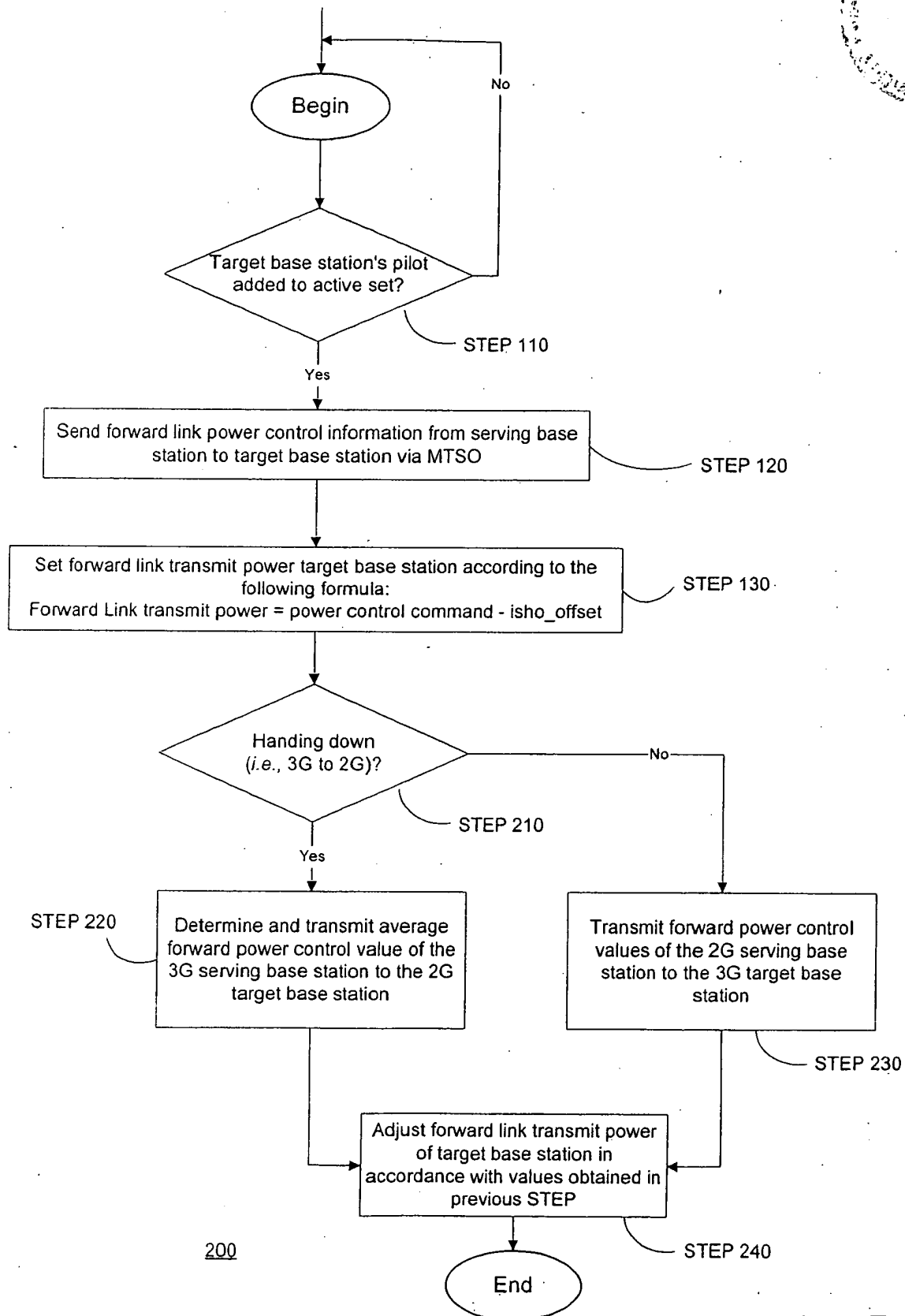


FIGURE 8

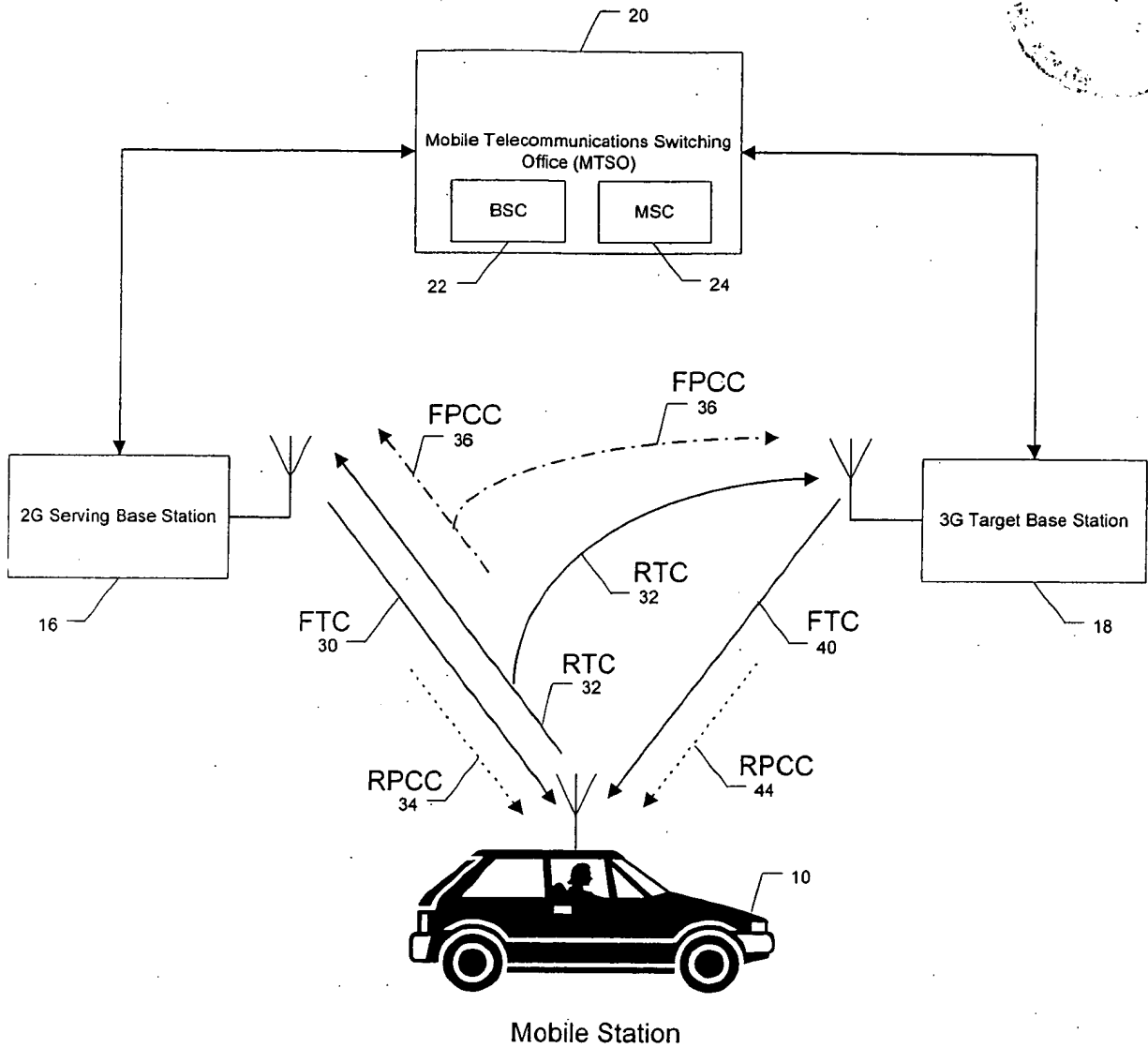


FIGURE 9